

# Converting Colors

Hex(7070CC)

Have a look what the booklet for  
Hex(7070CC) contains.

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# Color

Hex(7070CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	7070CC
RGB	112, 112, 204
RGB Percent	44%, 44%, 80%
CMY	0.5608, 0.5608, 0.2000
CMYK	0.45, 0.45, 0.00, 0.20
HSL	240°, 47%, 62%
HSV	240°, 45%, 80%
XYZ	23.3753, 19.3927, 59.6379
YIQ	122.4880, -29.5320, 28.6120

# Conversions

## Conversions Part 2

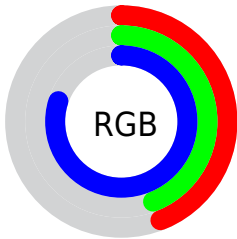
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 112, 204
Decimal	7368908
CIE Lab	51.14, 23.85, -47.87
CIE LCh	51, 53.486, 296.484
Yxy	19.3927, 0.2283, 0.1894
Android (android.graphics.Color)	4285558988 (0xFF7070CC)
YUV	122.4880, 40.1854, -9.1980
Hunter-Lab	44.0372, 17.6845, -49.4682

# Details

The Hex color **7070CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CCCC70**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A8A4FF**, and **384095** is the 20% darker color. If you saturate the color by 10%, you get **5C5CCC**, and if you desaturate by 10%, it is **8484CC**.

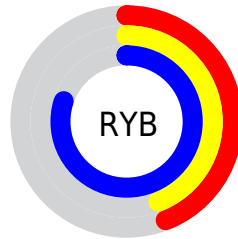
# Distribution



Red (44%)

Green (44%)

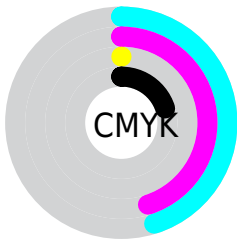
Blue (80%)



Red (44%)

Yellow (44%)

Blue (80%)

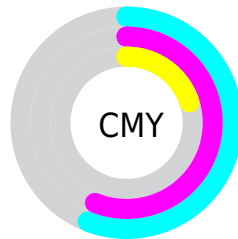


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (56%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7070CC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7070CC by changing the saturation by 10% instead.



■ 7070CC

■ 7070CC

FFFFFF

■ 5458B0

■ A8A4FF

■ 384095

■ C5BFFF

■ 162A7B

■ E2DBFF

■ 001661

■ FFF7FF

■ 000049

■ 000432

■ 00011C

■ 000000

■ 7070CC

■ 7070CC

■ 5C5CCC

■ 8484CC

■ 4747CC

■ 9999CC

■ 3333CC

■ ADADCC

■ 1E1ECC

■ C2C2CC

■ 0A0ACC

■ D6D6CC

■ 0000CC

■ EAEACC

■ FFFFCC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0081D5



7070CC



AC5CAD

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7070CC



B8642D



008F73

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7070CC



CCCC70

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



278B45



7070CC



967612

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7070CC



CB5354



69831F



008FA1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7070CC



C25190



69831F



008E63



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7070CC



DBDBFF



70CCCC



6A6A80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7070CC



7575FF



9E70CC



5C5C66



0000A6



000026



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CC70CC



FF75FF



9ECC70



665C66



A600A6

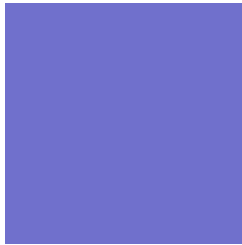


260026



# Previews

## White Background



This preview shows how the Hex color 7070CC looks on a white background.

## Color Contrast Check

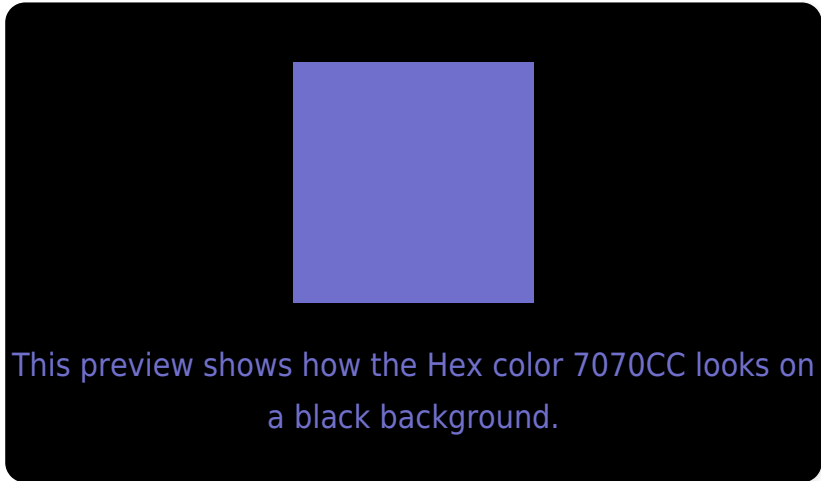
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

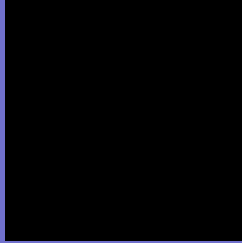
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7070CC Background



This preview shows how black text looks on a background with the Hex color 7070CC.

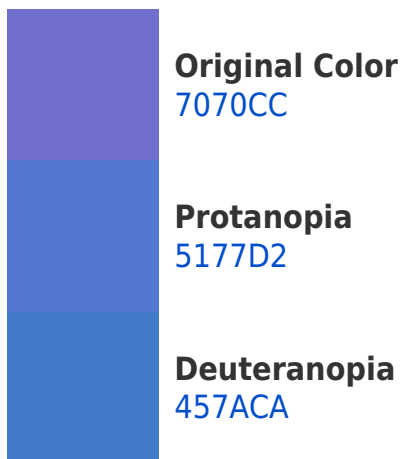


This preview shows how white text looks on a background with the Hex color 7070CC.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

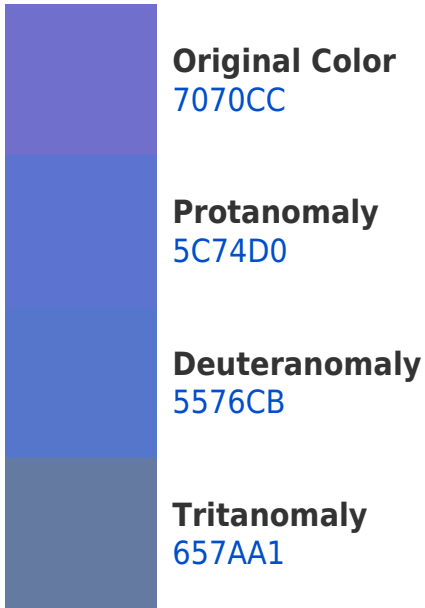
## Dichromacy



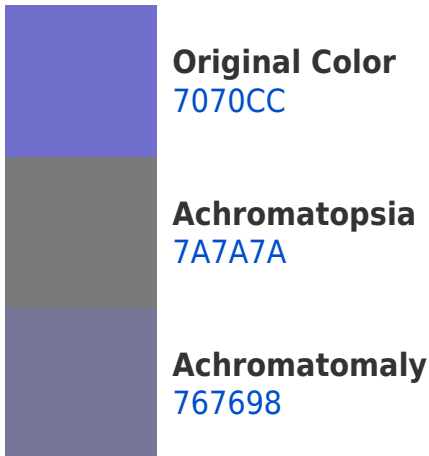


**Tritanopia**  
5E7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7070CC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7070CC looks like.

```
.text, #text, p{  
    color:#7070CC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7070CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7070CC
}
```

## Border

The CSS property to change the border of an element to Hex 7070CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7070CC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7070CC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7070CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7070CC; -webkit-box-shadow:4px 4px  
4px 4px #7070CC; box-shadow:4px 4px 4px  
4px #7070CC }
```

# Background

The CSS property to change the background color of an element to Hex 7070CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7070CC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7070CC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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